



NYCO

NYCO GREASE GN 15

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Issue date: 11/24/2014 Revision date: 2/16/2026 Supersedes: 7/6/2023 Version: 4.0

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Trade name : NYCO GREASE GN 15
Product code : GN15-7

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Industrial use

1.4. Supplier's details

NYCO America LLC, a subsidiary of NYCO
87 Amlajack Way
Newnan, GA 30265
USA
T +1 877 872 6926
info@nyco-group.com - www.nyco-group.com

1.5. Emergency phone number

Emergency number : USA , CANADA Chemtrec 1-800-424-9300

SECTION 2 Hazard identification

2.1. Classification of the substance or mixture

GHS-US classification

Repr. 2	H361	Suspected of damaging fertility or the unborn child.
Aquatic Acute 3	H402	Harmful to aquatic life.
Aquatic Chronic 3	H412	Harmful to aquatic life with long lasting effects.

Full text of hazard classes and H-statements : see section 16

2.2. Label elements

GHS US labelling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Warning

Hazard statements (GHS US) : H361 - Suspected of damaging fertility or the unborn child.
H412 - Harmful to aquatic life with long lasting effects

Precautionary statements (GHS US) : P202 - Do not handle until all safety precautions have been read and understood.
P261 - Avoid breathing vapours.
P272 - Contaminated work clothing must not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, eye and face protection.
P308+P313 - If exposed or concerned: Get medical advice/attention.
P405 - Store locked up.

NYCO GREASE GN 15

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
N-phenyl-1-Naphthylamine	CAS-No.: 90-30-2	0 – 1
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	CAS-No.: 68411-46-1	0 – 1

Full text of hazard classes and H-statements : see section 16

SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures general	: To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.
First-aid measures after inhalation	: To our knowledge, the product does not present any particular risk, under normal conditions of use.
First-aid measures after skin contact	: IF ON SKIN: Wash with plenty of soap and water. Seek medical advice (show the label where possible). If product is injected into any part of the body, seek medical attention immediately. Get medical advice if skin irritation persists.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice (show the label where possible). If eye irritation persists, consult a specialist.
First-aid measures after ingestion	: IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Seek medical advice (show the label where possible).

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation	: To our knowledge, the product does not present any particular risk, under normal conditions of use.
Symptoms/effects after skin contact	: Repeated exposure may cause skin dryness or cracking. irritation (itching, redness, blistering).
Symptoms/effects after eye contact	: Eye irritation.
Symptoms/effects after ingestion	: Possible irritation of mucous membranes and digestive tract, nausea, vomiting.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

No additional information available

NYCO GREASE GN 15

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Foam. Dry powder. Carbon dioxide.
Unsuitable extinguishing media : Strong water jet.

5.2. Specific hazards arising from the chemical

Fire hazard : On burning: release of harmful/irritant gases/vapours. Carbon oxides (CO, CO2).

5.3. Special protective equipment and precautions for fire-fighters

Precautionary measures fire : Protective equipment.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid spilling the product, as this might cause falls.

For non-emergency personnel

Protective equipment : see section(s) :7 & 8.
Emergency procedures : Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel).

For emergency responders

Protective equipment : see section(s) :7 & 8.
Emergency procedures : For a large spillage, contain the spillage by bunding. Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel).

Environmental precautions : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

6.2. Methods and materials for containment and cleaning up

For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up : Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel). Shovel into suitable and closed container for disposal. Clean contaminated surfaces with a soap solution.

For further information refer to section 13.

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wear suitable protective clothing. Personal protective equipment. Do not eat, drink or smoke when using this product. Always wash your hands immediately after handling this product, and once again before leaving the workplace. Avoid spilling the product, as this might cause falls. Provide local exhaust or general room ventilation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Hygiene measures : When using do not eat or drink. Always wash your hands immediately after handling this product, and once again before leaving the workplace. Wash contaminated clothing before reuse.
Additional hazards when processed : Stable at ambient temperature and under normal conditions of use.

NYCO GREASE GN 15

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

7.2. Conditions for safe storage, including incompatibilities

Storage conditions	: Store in dry, cool, well-ventilated area. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Special rules on packaging	: Store in original container. Keep container closed when not in use.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Environmental exposure controls	: Do not flush into surface water or sewer system. All contaminated waste water must be processed in an industrial or municipal wastewater treatment plant that incorporates both primary and secondary treatments.
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8.3. Individual protection measures, such as personal protective equipment

Personal protective equipment:

Gloves. Safety glasses. Protective clothing.

Hand protection:

Chemical resistant gloves (according to European standard NF ISO 374-1 or equivalent). Suitable materials: PVC, nitrile, and neoprene. Gloves must have a lifespan of at least 240 minutes and a minimum thickness of 0.38 mm. Due to the wide variety of glove types, it is recommended to follow the manufacturer's instructions for use.

Eye protection:

Safety glasses with side shields

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Yes in case of mist formation. Provide sufficient air exchange and/or exhaust

Personal protective equipment symbol(s):



SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Solid
Appearance	: Pasty.
Colour	: Brown
Odour	: No data available
Odour threshold	: No data available
pH	: Not applicable
Melting point	: 193 °C
Freezing point	: No data available
Boiling point	: Not applicable
Flash point	: No data available

NYCO GREASE GN 15

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20°C	: No data available
Relative density	: No data available
Density	: 0.88 kg/l @20°C
Solubility	: insoluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: Not applicable
Explosive limits	: No data available
Particle characteristics	: Particle size : Not applicable

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

Stable at ambient temperature and under normal conditions of use.

10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

elevated temperature.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

No hazardous decomposition products known at room temperature. On burning: release of carbon monoxide - carbon dioxide.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

N-Phenyl-1-naphthalenamine (90-30-2)

LD50 oral rat	1625 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
ATE US (oral)	1625 mg/kg bodyweight

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)

LD50 oral rat	> 5000 mg/kg OECD 401
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NYCO GREASE GN 15

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)

LD50 dermal rat > 2000 mg/kg OECD 402

Skin corrosion/irritation : Not classified
pH: Not applicable

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)

pH 5.1 – 6.2

Serious eye damage/irritation : Not classified
pH: Not applicable

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)

pH 5.1 – 6.2

Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Suspected of damaging fertility or the unborn child.
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified

N-Phenyl-1-naphthalenamine (90-30-2)

STOT-repeated exposure May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

NYCO GREASE GN 15

Viscosity, kinematic Not applicable

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)

Viscosity, kinematic 352.7 mm²/s @40°C

Symptoms/effects after inhalation : To our knowledge, the product does not present any particular risk, under normal conditions of use.
Symptoms/effects after skin contact : Repeated exposure may cause skin dryness or cracking, irritation (itching, redness, blistering).
Symptoms/effects after eye contact : Eye irritation.
Symptoms/effects after ingestion : Possible irritation of mucous membranes and digestive tract, nausea, vomiting.

SECTION 12 Ecological information

12.1. Ecotoxicity

Hazardous to the aquatic environment, short-term (acute) : Harmful to aquatic life.
Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

N-Phenyl-1-naphthalenamine (90-30-2)

LC50 - Fish [1] 0.44 mg/l 96h
EC50 - Crustacea [1] 0.3 mg/l 48h:Daphnia
EC50 96h - Algae [1] 0.93 mg/l 96h:Pseudokirchneriella subcapitata

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)

LC50 - Fish [1] > 100 mg/l 96h: Brachydanio rerio (OCDE 203)
EC50 - Crustacea [1] 51 mg/l 48h:Daphnia magna (OECD 202)
EC50 72h - Algae [1] > 100 mg/l 72h:Desmosdesmus subspicatus (OECD 201)

NYCO GREASE GN 15

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)

NOEC chronic algae	≥ 10 mg/l Pseudokirchneriella subcapitata (OECD 201)
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12.2. Persistence and degradability

NYCO GREASE GN 15

Persistence and degradability	Not established.
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N-Phenyl-1-naphthalenamine (90-30-2)

Persistence and degradability	Readily biodegradable.
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Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)

Persistence and degradability	Not readily biodegradable.
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Biodegradation	1 % (OECD 301B)
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12.3. Bioaccumulative potential

N-Phenyl-1-naphthalenamine (90-30-2)

Partition coefficient n-octanol/water (Log Pow)	4.47 estimated
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Bioaccumulative potential	No bioaccumulation potential.
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Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)

Bioconcentration factor (BCF REACH)	1730 42d; Cyprinus carpio
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Partition coefficient n-octanol/water (Log Kow)	> 5 @25°C
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Bioaccumulative potential	Potentially bioaccumulable.
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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone	: Not classified
Fluorinated greenhouse gases	: No

SECTION 13 Disposal considerations

Waste treatment methods	: Collect all waste in suitable and labelled containers and dispose according to local legislation. Dispose of contents/container in accordance with licensed collector's sorting instructions.
Additional information	: Do not re-use empty containers. Recycle the material as far as possible.

SECTION 14 Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
Not regulated for transport		
14.2. Proper Shipping Name		
Not regulated	Not regulated	Not regulated

NYCO GREASE GN 15

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

DOT	IMDG	IATA
14.3. Transport hazard class(es)		
Not regulated	Not regulated	Not regulated
14.4. Packing group		
Not regulated	Not regulated	Not regulated
14.5. Environmental hazards		
Not regulated	Not regulated	Not regulated
No supplementary information available		

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT

Not regulated

IMDG

Not regulated

IATA

Not regulated

SECTION 15 Regulatory information

15.1. Federal regulations

NYCO GREASE GN 15	
SARA Section 311/312 Hazard Classes	Health hazard - Reproductive toxicity

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

N-Phenyl-1-naphthalenamine (90-30-2)

SARA Section 311/312 Hazard Classes	Health hazard - Respiratory or skin sensitization Health hazard - Acute toxicity (any route of exposure) Health hazard - Specific target organ toxicity (single or repeated exposure)
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15.2. International regulations

No additional information available

15.3. State regulations

Component	State or local regulations
Distillates (petroleum), hydrotreated light paraffinic, Baseoil - unspecified(64742-55-8)	U.S. - Massachusetts - Right To Know List

NYCO GREASE GN 15

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Component	State or local regulations
diphenylamine(122-39-4)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York - RTK List of Hazardous Substances; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List

SECTION 16 Other Information

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Revision date : 2/16/2026
Issue date : 11/24/2014

Full text of hazard classes and H-statements	
Aquatic Acute 3	Hazardous to the aquatic environment — Acute Hazard, Category 3
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Repr. 2	Reproductive toxicity, Category 2
H361	Suspected of damaging fertility or the unborn child.
H402	Harmful to aquatic life
H412	Harmful to aquatic life with long lasting effects

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.